

Technical Specifications

Ai Bridge

FOR VIDEO ANALYTICS APPLICATION

- VCAserver
- VCAforensics
- NetworkOptix Nx Witness with VCAnx



SYSTEM					
Model	ABP301-4	ABP301-8	ABP302-12	ABP302-FS	ABP302-NX
Core Module	Orin Nano 4GB		Orin Nano 8GB		
SSD (M.2 NVMe)	250GB		250GB	500GB	1TB
Network	Gigabit Ethernet				
Power	DC 12V/5A (1 x DC power jack)				
Operating Temperature	0°C to +50°C(32°F to 122°F)				
Operating Humidity	20% ~ 85% RH				
Color & Material	Black/Silver & Metal				
Dimensions	128.5mm(W) x 39.1mm(H) x 79mm(D)				
Weight	Approx. 350g				

EXTERNAL PORTS	
USB	2 x USB 3.1 Gen (Type-A)
HDMI	1 x micro HDMI
Network	2 x RJ-45

Applications					
Input Video : 6fps@640x480					
DLOT/DLPT + RT	4 channels	8 channels	12 channels		
DLOT/DLPT + Forensics				9 channels	
Input Video : 12fps@640x480					
DLOT/DLPT + RT	2 channels	4 channels	7 channels		
DLOT/DLPT + Forensics				4 channels	
DLST + RT	1 channels	3 channels	5 channels		
DLST + Fall + RT	1 channels	2 channels	4 channels		
DLST + Aggressive Behavior + RT	1 channels	2 channels	4 channels		
HOIT + RT	1 channels	2 channels	4 channels		
Bitrate(1st stream) : 2Mbps, Input video for VCA(2nd stream) : 7fps@640x360, 8CH Nx Witness					
DLOT/DLPT					8 channel
Bitrate(1st stream) : 2Mbps, Input video for VCA(2nd stream) : 12fps@640x360, 8CH Nx Witness					
DLOT/DLPT					7 channel
DLST					5 channel
DLST + Fall					4 channel
DLST + Aggressive Behavior					3 channel

** DLOT : Deep Learning Object Tracker, DLPT : Deep Learning People Tracker, DLST : Deep Learning Skeleton Tracker, HOIT : Hand Object Interaction Tracker

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Dimensions

(Unit: mm)

